

APPENDIX B

STATEMENT OF OSI INTEREST IN THE PROPOSED PROJECT

1. The following statement is suggested for inclusion in the ORE/Map Division proposal to cover the interest of OSI in the subject project:

25X1A5a1      a. The proposed project is also of interest to the Office of Scientific Intelligence. As a result of discussions between representatives of OSI, ORE/Map Division, and the [REDACTED] it has been agreed that, in the course of the project, significant materials and information relating to requirements of OSI will be reported. OSI is interested in developments and trends, and new theories and techniques in all fields of science in the USSR, but with special reference to the following fields for the purpose of this project.

(1) Meteorology - weather forecasting, both short- and long-range dynamic meteorology; meteorological instruments; stratosphere; ozonosphere; ionosphere; attempts at weather control; solar radiation; meteorological optics; meteorological acoustics; micrometeorology.

(2) Climatology - use of punched cards in making climatic analyses; micro-climatology; uses of climatological studies in agriculture and in industry.

(3) Hydrology - floods; flood forecasting; flood control; irrigation projects; power developments; improvement of navigation; forecasting of stream flow; forecasting the dates of freezing of rivers in the spring, and of opening them in the fall; ground water.

(4) Oceanography - oceanic surveys; currents; tides and circulation; ice; salinity; temperature; gravity measurements; sea bottom; ocean margins; chemical and physical characteristics of sea water.

(5) Soil Mechanics - infiltration; percolation; soil temperature; soil erosion; characteristics of permafrost; mechanics; soil characteristics.

(6) Seismology - earthquakes; seismometers and seismographs; microseisms; forecasting of earthquakes; earthquake-resistant construction (buildings); causes; stresses and strains, waves.

(7) Terrestrial Magnetism and Electricity - magnetic surveys; diurnal and seasonal variations in magnetism and electricity; instruments used in measuring and recording the earth's magnetism and electricity; aurora; magnetic storms.

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b. On the basis of the results thus achieved by the project, OSI may be interested at some future time in developing with this [REDACTED] a special project or an elaboration of the present one to explore problems of paramount interest to OSI. In this sense, the presently proposed project can serve as an exploratory and a pilot project for OSI, in addition to meeting the immediate needs of the Map Division. During the project, close liaison between the Map Division and OSI will be maintained.

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Approved For Release 2001/03/04 : CIA-RDP79-01096A000100020005-8

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